SIEMENS

Data sheet	6ES7972-0BB52-0XA0

Product description	PROFIBUS bus connector, RS485, Fast Connect, with PG socket, 90° SIMATIC DP,BUS CONNECTOR FOR PROFIBUS UP TO 12 MBIT/S 90 DEGREE ANGLE CABLE OUTLET, IPCD TECHOLOGY FAST CONNECT, WITH PG SOCKET 15,8 X 59 X 35,6 MM (WXHXD),

Suitability for use	For connecting PROFIBUS nodes to the PROFIBUS bus cable

Transmission rate	
Transfer rate / with PROFIBUS DP	9.6 kbit/s ... 12 Mbit/s

Interfaces	
Number of electrical connections	
• for PROFIBUS cables	2
• for network components or terminal equipment	1
Type of electrical connection	
• for PROFIBUS cables	Integrated insulation displacement contacts for 2-core PB FC-installation cables
• for network components or terminal equipment	9-pin Sub-D connector
Type of electrical connection / FastConnect	Yes

Mechanical data	
Design of terminating resistor	Integrated resistor combination that can be selected with slide switch
Material / of the enclosure	plastic
Locking mechanism design	Screw

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Design, dimensions and weight

Type of cable outlet	90 degree cable outlet
Width	15.8 mm
Height	59 mm
Depth	35.6 mm
Net weight	10 g

Permitted ambient conditions

Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Protection class IP	IP20

Product properties, functions, components / general

Product feature	
• silicon-free	Yes
Product component	
• PG connection socket	Yes
• strain relief	Yes

Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
last modified:	10/18/2017